

WHAT IS CLAIMED IS:

1. A portable device for data storage for a user, comprising:
 - (a) a non-volatile memory for storing the data, wherein data transfer with said non-volatile memory is controlled according to at least one instruction, wherein said at least one instruction is not alterable by the user;
 - (b) a logic for executing said at least one instruction; and
 - (c) a device interface for enabling the data to be transferred from the portable device directly to another portable device, wherein communication between said portable devices only occurs through respective device interfaces.
2. The device of claim 1, wherein direct transfer of the data is not performed through a computer, such that a plurality of portable devices are capable of communicating directly through respective device interfaces.
3. The device of claim 2, further comprising an additional memory component for storing said at least one instruction, wherein said logic is a microprocessor.

4. The device of claim 2, wherein said logic is a microprocessor and wherein said at least one instruction is stored on said non-volatile memory.

5. The device of claim 1, wherein the portable device does not feature a user interface for communicating directly with a user.

6. The device of claim 1, further comprising a signaling device for transmitting a signal to another portable device, said signal requesting transfer of data.

7. The device of claim 6, wherein transfer of data is automatically initiated upon detection of said other portable device, according to said at least one instruction for controlling data transfer.

8. The device of claim 7, wherein data stored on said non-volatile memory is marked according to type, such that said at least one instruction selects data for transfer according to said type and such that automatic transfer is initiated only for at least one selected type of data.

9. The device of claim 1, wherein data stored on said non-volatile memory is marked according to type, such that said at least one instruction selects data for transfer according to said type.

10. The device of claim 9, wherein said type is marked only upon initial storage of the data.

11. The device of claim 9, wherein said type is alterable after initial storage of the data.

12. The device of claim 9, wherein said device interface is connectable to a communication port of a computer, and said type is marked upon transfer of data from said computer to said non-volatile memory.

13. The device of claim 1, wherein said device interface includes a physical connector to another communication port.

14. The device of claim 1, wherein said non-volatile memory is a flash memory.

15. The device of claim 1, further comprising a volatile memory component selected from the group consisting of RAM, SD-RAM, S-RAM and D-RAM.

16. A portable device for device-to-device data transfer to a second portable device, comprising:

- (a) a non-volatile memory for storing the data; and
- (b) a device interface for enabling the data to be transferred between the second portable device and the portable device;

wherein the portable device is only capable of data storage and transfer.

17. A portable device for data storage, comprising:

- (a) a non-volatile memory for storing the data;
- (b) a limited instruction set for controlling transfer of the data for at least one of to or from said non-volatile memory;
- (c) a logic for executing at least one instruction from said limited instruction set; and
- (d) a device interface for enabling the data to be transferred for at least one of to or from the portable device;

wherein the portable device lacks an operating system.

18. The device of claim 17, further comprising:

- (e) a user interface for receiving at least one command from the user.

19. A portable device for active data transfer, consisting essentially of:

- (a) a non-volatile memory for storing the data;

- (b) a logic for executing at least one instruction for controlling transfer of the data for at least one of to or from said non-volatile memory;
and
- (c) a device interface for enabling the data to be transferred at least one of to or from the portable device, wherein the data is only transferable through said device interface.

20. A method for automatic transfer of data, the data being stored in a portable storage device, the method comprising:

detecting an existence of a second portable storage device for transferring the data;

determining at least one condition being fulfilled for transferring the data;

and

automatically transferring data fulfilling said at least one condition between the portable storage device and said second portable storage device.

21. The method of claim 20, wherein data is marked according to type upon being stored in the portable storage device, and wherein said type determines whether a condition is fulfilled.

22. The method of claim 21, wherein the data includes personal data, and wherein the user enters at least one criterion for determining whether a condition is fulfilled.

23. A portable device for data storage, comprising :

- (a) a non-volatile memory for storing the data;
- (b) a device interface for interfacing the device with a second portable device for transferring data, wherein data is only transferable through said device interface; and
- (c) a mechanism for transferring the data between the device and said second portable device using said respective device interfaces of the device and said second portable device, such data transfer occurring directly between the device and said second portable device without passing the data through an additional device and wherein said mechanism is not alterable.

24. A portable device for data storage for a user, comprising:

- (a) a non-volatile memory for storing the data, wherein data transfer with said non-volatile memory is controlled according to at least one instruction, wherein said at least one instruction is not alterable;
- (b) a logic for executing said at least one instruction; and

- (c) a device interface for enabling the data to be transferred from the portable device directly to another portable device, wherein communication between said portable devices only occurs through respective device interfaces.
25. The device of claim 24, further comprising a permanently writable memory device for storing said at least one instruction, wherein said at least one instruction is permanently stored in said permanently writable memory device.
26. A portable device for data storage for a user, comprising:
- (a) a non-volatile memory for storing the data;
 - (b) a memory for storing a software application for controlling data transfer with said non-volatile memory, wherein the device is not capable of receiving an additional software application;
 - (c) a logic for executing said software application; and
 - (d) a device interface for enabling the data to be transferred from the portable device directly to another portable device, wherein communication between said portable devices only occurs through respective device interfaces.

27. The device of claim 26, wherein said memory is a different memory storage component from said non-volatile memory.

28. The device of claim 26, wherein said memory is a permanently writable memory.

29. The device of claim 26, wherein said memory is identical to said non-volatile memory.